

RECOMMENDED ACADEMIC PLAN – INFORMATION SCIENCES AND TECHNOLOGY

Information Context: People, Organizations, and Society

Semester I		Semester II	
*IST 110 Information, People and Technology	3	*IST 210 Organization of Data	4
CMPS 101 Introduction to Algorithmic Processes, or	3-4	Sciences GN	3
CMPS 121 Introduction to Programming Techniques GQ		Foreign Language	4
<i>Math 110 Techniques of Calculus I or 140 Calculus With Analytic Geometry I GQ</i>	3-4	<i>ECON 002 Introductory Microeconomic Analysis and Policy, 004 Introductory Macroeconomic Analysis and Policy, or 014 Principles of Economics GS</i>	3
Foreign Language or ENGL 015 Rhetoric and Composition or 030 Honors Freshman Composition GWS	4	ENGL 015 Rhetoric and Composition, 030 Honors Freshman Composition GWS	3
First-Year Seminar	1		
	14-16		17
Semester III		Semester IV	
*IST 220 Networking and Telecommunications	3	IST 240 Introduction to Computer Languages	3
IST 230 Language, Logic, and Discrete Mathematics	3	<i>STAT 200 Elementary Statistics GQ</i>	4
Foreign Language	4	CAS 100 Effective Speech GWS	3
Humanities GH	3	Sciences GN	3
Arts GA	3	Social and Behavioral Science GS	3
	16		16
Semester V		Semester VI	
IST 301 Information and Organizations	3	IST 431 The Information Environment	3
IST 331 Organization and Design of Information Systems: User and System Principles	3	IST 302 IT Project Management or IST 413 User Interface Design and Development	3
Support of Option	3	Support of Option	3
GHA	3	Foreign Cultures Requirement	3
Humanities GH	3	ENGL 202C Effective Writing: Technical Writing or 202D Effective Writing: Business Writing GWS	3
	15		15
Semester VII		Semester VIII	
IST 402 Emerging Technologies	3	IST 440W Information Sciences and Technology Integration and Problem Solving	3
IST 432 Legal and Regulatory Environment of Information Science and Technology	3	Support of Option	3
Support of Major	3	Sciences GN	3
Foreign Cultures Requirement	3	Elective	3
Arts GA	3	Elective	3
	15		15

Advising Notes

- **Bold type** require a grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- **Bold Italics** indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

*Entry to major requirement.

Please note the following courses are only offered in the semester indicated:

IST 210–Spring, IST 220–Fall, IST 302–Spring, IST 420–Fall, IST 421–Spring

Students must complete a 3-credit course in “United States Cultures (US)” and a 3-credit course in “International Cultures (IL).”

This publication is not the official Bulletin of the University. The most up-to-date information can be found at www.psu.edu/bulletins/bluebook.